



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#6/A

PB

5/15/03

Re Application of: Reime et al. : Examiner: Thanh X. Luu

Serial No.: 09/928,967 : Art Unit: 2878

Filed: August 13, 2001

For: METHOD AND DEVICE FOR DETECTING TOUCH PAD INPUT

U.S. Patent and Trademark Office
Box AMENDMENT – NO FEE
Commissioner for Patents
Washington, DC 20231

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION (Paper 5)

Sir:

In response to the Non-Final Office Action mailed February 5, 2003, please amend the patent application as follows;

In the Claims

Please amend claims 1, 10, 15, 17 and 23 as follows:

1. (Amended) A method of sensing and detecting the presence of an object at a touch pad device having one or more input functions, wherein the touch pad device has a designated interaction area for allowing a user to use the object to interact with the touch pad device for facilitating said one ore more input functions, said method comprising the steps of:

providing at least one group of optical sensor components including a first light emitter, a second light emitter and a light receiver in the touch pad device at different locations thereof such that the receiver is capable of receiving via reflection a first amount of light emitted by the first light emitter and a second amount of light emitted by the second light emitter; wherein when the object is present at the touch pad device, causing a change in the first amount of light and the second amount of light,

measuring separately the change in the first amount of light and the change in the second amount of light for providing a first signal and a second signal indicative of the respective changes; and